

In the Claims:

There are no amendments to the claims.

1-21. (Canceled)

22. (Previously Presented) A conduit for transferring a flowable material, comprising:

a wall member at least partially enclosing an inner region, the inner region being adapted to receive the flowable material and to facilitate transfer of the flowable material from a first location to a second location, the wall member including an electroluminescent coating disposed on an outer surface of the wall member, the electroluminescent coating being adapted to emit light outwardly therefrom.

23. (Previously Presented) The conduit of Claim 22, wherein the electroluminescent coating comprises an electroluminescent paint.

24-25. (Canceled)

26. (Original) The conduit of Claim 22, wherein the wall member includes a cylindrical wall member.

27. (Original) The conduit of Claim 22, wherein the wall member includes a flexible aerial refueling hose.

28. (Original) The conduit of Claim 22, wherein the wall member includes a refueling boom.


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29. (Previously Presented) An apparatus for transferring a flowable material, comprising:

a tank adapted to contain a flowable material; and

a conduit operatively coupled to the tank and adapted to receive the flowable material and to facilitate transfer of the flowable material between the tank and a second location, the conduit including a wall member and being adapted to receive the flowable material and to facilitate transfer of the flowable material from a first location to a second location, the wall member including an electroluminescent coating disposed on an outer surface of the wall member, the electroluminescent coating being adapted to emit light outwardly therefrom.

30. (Previously Presented) The apparatus of Claim 29, wherein the electroluminescent coating comprises an electroluminescent paint.

31-32. (Canceled)

33. (Original) The apparatus of Claim 29, wherein the conduit includes a cylindrical wall member.

34. (Original) The apparatus of Claim 29, wherein the conduit includes a flexible aerial refueling hose.

35. (Original) The apparatus of Claim 29, wherein the conduit includes a refueling boom.

36. (Original) The apparatus of Claim 29, further comprising a pump operatively coupled to the tank and to the conduit and adapted to pump the flowable material from the tank to the conduit.

37. (Original) The apparatus of Claim 29, further comprising an illumination control system operatively coupled to the plurality of optical fibers and adapted to control illumination of the plurality of optical fibers.

38. (Previously Presented) An aircraft, comprising:
a fuselage;
a propulsion system operatively coupled to the fuselage; and
an aerial refueling system coupled to the fuselage and including:
a tank adapted to contain a flowable material; and
a conduit operatively coupled to the tank and adapted to receive the flowable material and to facilitate transfer of the flowable material between the tank and a second location, the conduit including a wall member and being adapted to receive the flowable material and to facilitate transfer of the flowable material from a first location to a second location, the wall member having an electroluminescent coating disposed on an outer surface of the wall member, the electroluminescent coating being adapted to emit light outwardly therefrom.

39. (Previously Presented) The aircraft of Claim 38, wherein the electroluminescent coating comprises an electroluminescent paint.

40-41. (Canceled)

42. (Original) The aircraft of Claim 38, wherein the conduit includes a cylindrical wall member.

43. (Original) The aircraft of Claim 38, wherein the conduit includes a flexible aerial refueling hose.

44. (Original) The aircraft of Claim 38, wherein the conduit includes a refueling boom.

45. (Original) The aircraft of Claim 38, further comprising a pump operatively coupled to the tank and to the conduit and adapted to pump the flowable material from the tank to the conduit.

46. (Original) The aircraft of Claim 38, further comprising an illumination control system operatively coupled to the plurality of optical fibers and adapted to control illumination of the plurality of optical fibers.

47. (Previously Presented) A method of transferring a flowable material, comprising:

providing a conduit operatively coupled to a tank containing the flowable material, the conduit being adapted to receive the flowable material and to facilitate transfer of the flowable material between the tank and a second location, the conduit including a wall member having an electroluminescent coating disposed on an outer surface of the wall member;

illuminating the luminescent outer layer;

emitting light outwardly from the electroluminescent coating; and

transferring the flowable material through the conduit from the tank to the second location.

48. (Previously Presented) The method of Claim 47, wherein providing a conduit having an electroluminescent coating disposed on an outer surface of the wall member comprises providing a conduit having an electroluminescent paint disposed on an outer surface of the wall member.

49-50. (Canceled)

51. (Original) The method of Claim 47, wherein providing a conduit operatively coupled to a tank includes providing a conduit operatively coupled to a refueling tank of a tanker aircraft.

52. (Original) The method of Claim 47, wherein transferring the flowable material through the conduit from the tank to the second location includes pumping the flowable material from the tank.


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